

Recombinant Human ST14/Matriptase protein (His tag)



Catalog Number:PDEH100283

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms	Epithin;HAI;Membrane type serine protease 1;MTSP1;Prostamin;PRSS14;Serine protease 14;SNC19;ST14;TADG15;TMPRSS14
Species	Human
Expression Host	E.coli
Sequence	Thr 571-Val 855
Accession	Q9Y5Y6
Calculated Molecular Weight	31.2 kDa
Observed molecular weight	35 kDa
Tag	N-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Background

Degrades extracellular matrix. Proposed to play a role in breast cancer invasion and metastasis. Exhibits trypsin-like activity as defined by cleavage of synthetic substrates with Arg or Lys as the P1 site. Defects in ST14 are a cause of ichthyosis autosomal recessive with hypotrichosis (ARIH). ARIH is a skin disorder characterized by congenital ichthyosis associated with the presence of less than the normal amount of hair.

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